

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 0    | ("williamwithpaulwithcook").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2005/09/29 13:00 |
| S2    | 44   | william with paul with cook  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/28 17:31 |
| S3    | 75   | US-6519443-\$.DID. OR<br>US-6446954-\$.DID. OR<br>US-6382618-\$.DID. OR<br>US-6330424-\$.DID. OR<br>US-6170816-\$.DID. OR<br>US-6076821-\$.DID. OR<br>US-5878321-\$.DID. OR<br>US-5826135-\$.DID. OR<br>US-5692741-\$.DID. OR<br>US-5667215-\$.DID. OR<br>US-5580046-\$.DID. OR<br>US-5507478-\$.DID. OR<br>US-5501444-\$.DID. OR<br>US-5495326-\$.DID. OR<br>US-5465955-\$.DID. OR<br>US-5423527-\$.DID. OR<br>US-5393044-\$.DID. OR<br>US-5277415-\$.DID. OR<br>US-5197726-\$.DID. OR<br>US-5141217-\$.DID. OR<br>US-5121915-\$.DID. OR<br>US-5121914-\$.DID. OR<br>US-5056771-\$.DID. OR<br>US-0499001-\$.DID. OR<br>US-4900003-\$.DID. OR<br>US-4884796-\$.DID. OR<br>US-4868609-\$.DID. OR<br>US-4809969-\$.DID. OR<br>US-4790524-\$.DID. OR<br>US-4766463-\$.DID. OR<br>US-4744687-\$.DID. OR<br>US-4682769-\$.DID. OR<br>US-4660821-\$.DID. OR<br>US-4589765-\$.DID. OR<br>US-4580917-\$.DID. OR<br>US-4577849-\$.DID. OR<br>US-4566684-\$.DID. OR<br>US-4320953-\$.DID. OR<br>US-609DRAW-\$.DID. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/09/29 09:49 |

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S4  | 21  | US-N042706-\$.DID. OR<br>US-6139010-\$.DID. OR<br>US-5854696-\$.DID. OR<br>US-5480132-\$.DID. OR<br>US-5755435-\$.DID. OR<br>US-5691826-\$.DID. OR<br>US-5523858-\$.DID. OR<br>US-5226639-\$.DID. OR<br>US-4986525-\$.DID. OR<br>US-4721297-\$.DID. OR<br>US-4638987-\$.DID. OR<br>US-609DRAW-\$.DID. OR<br>US-0198THE-\$.DID. OR<br>US-114THIS-\$.DID. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 09:51 |
| S5  | 2   | US-N042706-\$.DID. OR<br>US-0142005-\$.DID. OR<br>US-16679490-\$.DID. OR<br>US-609DRAW-\$.DID.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 09:51 |
| S6  | 19  | ("3908195"   "4084805"  <br>"4248415").PN. OR ("4577849").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/29 10:22 |
| S7  | 238 | 271/10.01   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 10:56 |
| S8  | 244 | 271/10.03   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 11:06 |
| S9  | 206 | 271/113   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 11:22 |
| S10 | 797 | 271/270   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 11:40 |
| S11 | 0   | FR2679743   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 11:41 |

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S12 | 8     | "2679743"                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 11:55 |
| S13 | 1019  | 271/272                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 11:55 |
| S14 | 384   | 271/272 and arms                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 12:51 |
| S15 | 69162 | sheet and feeder                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 12:52 |
| S16 | 11462 | sheet and feeder and motor and arm          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 12:52 |
| S17 | 6725  | sheet and feeder and motor and arm and gear | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 12:53 |
| S18 | 1243  | S17 and movable with arm                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 12:54 |
| S19 | 106   | S17 and movable with arm and feed with nip  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 12:54 |

|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S20 | 6396 | media with feeder   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 13:00 |
| S21 | 0    | media with feeder and roller and<br>(gear with ration)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 13:01 |
| S22 | 2113 | media with feeder and roller  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 13:01 |
| S23 | 723  | media with feeder and roller and<br>gears   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 13:01 |
| S24 | 492  | media with feeder and roller and<br>gears and speed   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 13:01 |
| S25 | 202  | media with feeder and roller and<br>gears and speed and arm   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 13:13 |
| S26 | 18   | US-6352256-\$.DID. OR<br>US-5899450-\$.DID. OR<br>US-4550902-\$.DID. OR<br>US-5547181-\$.DID. OR<br>US-6382619-\$.DID. OR<br>US-6279897-\$.DID. OR<br>US-6764072-\$.DID. OR<br>US-6290221-\$.DID. OR<br>US-6065886-\$.DID. OR<br>US-070705A-\$.DID. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 13:13 |

|     |    |  |   |    |    |                  |
|-----|----|--|---|----|----|------------------|
| S27 | 23 | ("3724839"   "4236709"  <br>"4463943"   "4934686"   "5120042"<br>  "5462267"   "5472183"  <br>"5485991"   "5527026"   "5624109"<br>  "5669601"   "5678814"  <br>"5709380"   "5720477"   "5775823"<br>  "5868385"   "5931455"  <br>"5988828"   "6168147").PN. OR<br>("6382619").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/29 13:20 |
| S28 | 16 | US-6091927-\$.DID. OR<br>US-6585258-\$.DID. OR<br>US-5552859-\$.DID. OR<br>US-6279893-\$.DID. OR<br>US-6059279-\$.DID. OR<br>US-070705A-\$.DID.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 13:23 |
| S29 | 21 | US-6000689-\$.DID. OR<br>US-5921539-\$.DID. OR<br>US-5207788-\$.DID. OR<br>US-6059279-\$.DID. OR<br>US-6186490-\$.DID. OR<br>US-5421569-\$.DID. OR<br>US-6798899-\$.DID. OR<br>US-5769410-\$.DID. OR<br>US-5953985-\$.DID. OR<br>US-4552352-\$.DID. OR<br>US-070705A-\$.DID.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 13:26 |
| S30 | 21 | US-6000689-\$.DID. OR<br>US-5207788-\$.DID. OR<br>US-6059279-\$.DID. OR<br>US-6186490-\$.DID. OR<br>US-5421569-\$.DID. OR<br>US-6798899-\$.DID. OR<br>US-5769410-\$.DID. OR<br>US-6378858-\$.DID. OR<br>US-5953985-\$.DID. OR<br>US-4552352-\$.DID. OR<br>US-070705A-\$.DID.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 13:26 |

|     |          |   |   |    |    |                  |
|-----|----------|---|---|----|----|------------------|
| S31 | 35874063 | US "4577849" A US "4850581" A US "4928951" A US "4986525" A US "5000435" A US "5080515" A US "5428431" A US "5664771" A US "5685657" A US "5791646" A US "5854696" A US "5862447" A US "5876029" A US "6019363" A US "6050561" A US "6139010" A US "6186501" B1 US "6206359" B1 US "6224049" B1 US "6227534" B1 US "6227535" B1 US "6244588" B1 US "6290129" B1 US "6290222" B1 US "6503010" B2 US "6540220" B2 US "6568674" B2 US "6572096" B1 US "6581925" B1 US "6648322" B2 US "6736389" B2 US "6920296" B2 US "6942215" B2 US "20050194732" A1 US "20050206067" A1 US "20020085078" A1 US "6634745" B2 US "6382619" B1 US "6065886" A US "5547181" A US "6059279" A US "6798899" B2 US "6000689" A | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 13:37 |
| S32 | 13       | ("4789259").PN. OR ("4986525").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/29 15:08 |
| S33 | 23       | sung with wook with kang  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/29 15:08 |

|     |     |   |                              |    |    |                  |
|-----|-----|---|------------------------------|----|----|------------------|
| S34 | 424 | ("1627064"   "2667256"  <br>"2762623"   "2791425"   "2992820"<br>  "3044770"   "3046009"  <br>"3411768"   "3563533"   "3578859"<br>  "3626956"   "3655183"  <br>"3667385"   "3685471"   "3734491"<br>  "3825248"   "3908195"  <br>"3921973"   "3936041"   "3948510"<br>  "3981497"   "4004802"  <br>"4015523"   "4030588"   "4030722"<br>  "4032135"   "4039180"  <br>"4050569"   "4065120"   "4071295"<br>  "4077620"   "4083555"  <br>"4084805"   "4084900"   "4121820"<br>  "4132401"   "4171130"  <br>"4217057"   "4247193"   "4248415"<br>  "4268027"   "4269504"  <br>"4273322"   "4273323"   "4289052"<br>  "4303234"   "4310236"  <br>"4318540"   "4326815"   "4331258"<br>  "4331328"   "4335949"  <br>"4337935"   "4345708"   "4350439"<br>  "4357007"   "4361399"  <br>"4362116"   "4362375"   "4428663"<br>  "4428666"   "4429863"  <br>"4437656"   "4441438"   "4451027"<br>  "4455018"   "4456366"  <br>"4461466"   "4475731"   "4519700"<br>  "4522385"   "4529187"  <br>"4529188"   "4531826"   "4541352"<br>  "4541624"   "4548394"  <br>"4561365"   "4562782"   "4565361"<br>  "4570919"   "4579328"  <br>"4580774"   "4583872"   "4589765"<br>  "4621802"   "4638987"  <br>"4645192"   "4645194"   "4666144"<br>  "4669853"   "4681313"  <br>"4691912"   "4695171"   "4696564"<br>  "4721297"   "4750020"  <br>"4757984"   "4761002"   "4763160"<br>  "4766463"   "4787620"  <br>"4790524"   "4804998"   "4809969"<br>  "4868609"   "4871160"  <br>"4893804"   "4927130"   "4953846"<br>  "4986526"   "4990011"  <br>"5035413"   "5043771"   "5056771"<br>  "5104110"   "5110104"  <br>"5112038"   "5121914"   "5121915"<br>  "5130724"   "5142323"  <br>"5155537"   "5155603"  <br>"5156385").PN. OR ("5186449"  <br>"5192067"   "5193797"   "5211387"<br>  "5221949"   "5295677"  <br>"5321485"   "5326184"   "5342037"<br>  "5379994"   "5415387"  <br>"5418604"   "5419547"   "5423527"<br>  "5455668"   "5461468"  <br>"5464204"   "5484141"   "5485247"<br>  "5489977"   "5499271"  <br>"5494356"   "5495326"   "5507478"<br>  "5527026"   "5575466" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/29 18:01 |
|-----|-----|---|------------------------------|----|----|------------------|

Search History 10/3/2005 2:33:15 PM Page 7

C:\Documents and Settings\Rkumar My Documents\FAST Workspaces\10 803 822 William Paul.wsp

|     |     |   |                              |    |    |                  |
|-----|-----|---|------------------------------|----|----|------------------|
| S35 | 136 | ("3032338"   "3961786"  <br>"3966198"   "4280145"   "4444521"<br>  "4496145"   "4509734"  <br>"4522385"   "4529188"   "4544294"<br>  "4577849"   "4581618"  <br>"4638987"   "4691911"   "4721297"<br>  "4743975"   "4752786"  <br>"4789259"   "4798374"   "4866531"<br>  "4884909"   "4929105"  <br>"4931834"   "4934686"   "4953037"<br>  "5033891"   "5097187"  <br>"5141346"   "5150630"   "5169136"<br>  "5184902"   "5206737"  <br>"5211690"   "5213426"   "5226639"<br>  "5238235"   "5315751"  <br>"5369509"   "5391009"   "5412407"<br>  "5419543"   "5523858"  <br>"5552902"   "5564842"   "5624109"<br>  "5628503"   "5663804"  <br>"5671065").PN. OR ("4638987"  <br>"4721297"   "4986525"   "5226639"<br>  "5480132"   "5523858"  <br>"5691826"   "5755435"   "5854696"<br>  "6139010").URPN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/29 18:02 |
| S36 | 0   | ("142005").URPN.  | USPAT                        | OR | ON | 2005/09/29 18:03 |
| S37 | 534 | S34 or S35  | USPAT                        | OR | ON | 2005/09/29 18:05 |
| S38 | 0   | ("2004/0100545").URPN.  | USPAT                        | OR | ON | 2005/09/30 10:05 |



|     |     |  |                              |    |    |                  |
|-----|-----|--|------------------------------|----|----|------------------|
| S39 | 336 | ("1033968"   "1063336"  <br>"1264053"   "1365534"   "1603356"<br>  "2427839"   "2715975"  <br>"2920888"   "2956801"   "2986391"<br>  "3175821"   "3485489"  <br>"3588106"   "3598399"   "3747918"<br>  "3777903"   "3829083"  <br>"3830144"   "3891202"   "3894732"<br>  "3908195"   "3948510"  <br>"3949979"   "3961786"   "3965644"<br>  "3966198"   "4025066"  <br>"4053702"   "4077620"   "4084805"<br>  "4171130"   "4222557"  <br>"4248415"   "4256299"   "4280145"<br>  "4290593"   "4318540"  <br>"4322069"   "4337935"   "4373711"<br>  "4373713"   "4381860"  <br>"4412029"   "4441704"   "4444385"<br>  "4444521"   "4451027"  <br>"4494747"   "4496145"   "4515358"<br>  "4519601"   "4522385"  <br>"4529188"   "4541711"   "4544294"<br>  "4573673"   "4576371"  <br>"4577849"   "4581618"   "4588182"<br>  "4589650"   "4605215"  <br>"4638987"   "4651982"   "4669853"<br>  "4691911"   "4691914"  <br>"4697944"   "4704963"   "4721297"<br>  "4729282"   "4729680"  <br>"4743975"   "4752786"   "4770555"<br>  "4789259"   "4798373"  <br>"4798374"   "4801036"   "4801134"<br>  "4822023"   "4866531"  <br>"4884909"   "4890826"   "4925062"<br>  "4925177"   "4930383"  <br>"4934686"   "4940224"   "4943863"<br>  "4951095"   "4953037"  <br>"4986525"   "5018718"   "5064180"<br>  "5067701"   "5073802"  <br>"5085420"   "5097187"   "5119146"<br>  "5129641"   "5129642"  <br>"5133616"   "5150630"   "5153661"<br>  "5155603"   "5158279"  <br>"5159393"   "5168290"   "5172899"<br>  "5172900"   "5184902"  <br>"5197812"   "5206737"   "5211388"<br>  "5211690"   "5213426"  <br>"5222723"   "5226639"   "5255606"<br>  "5277417"   "5282001"  <br>"5339139"   "5342037"  <br>"5351945"   "5358230"  <br>"5362037"   "5369509"   "5391009"<br>  "5412407"   "5419543"  <br>"5421569"   "5423527"   "5435538"<br>  "5435539"   "5435540"  <br>"5443359"   "5461468"   "5523858"<br>  "5527026"   "5531435"  <br>"5534989"   "5538242"   "5550652"<br>  "5552902"   "5554842"  <br>"5575467"   "5575469"   "5579129"<br>  "5593150"   "5597153" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/30 10:07 |
|-----|-----|--|------------------------------|----|----|------------------|

|     |     |   |                              |    |    |                  |
|-----|-----|---|------------------------------|----|----|------------------|
| S40 | 468 | ("0326183"   "0347350"  <br>"0843709"   "1291074"   "1326986"<br>  "1788153"   "1919238"  <br>"20010015518"   "20020060392"  <br>"20030002083"   "2214752"  <br>"2366206"   "2455836"   "2511892"<br>  "2832410"   "2887208"  <br>"3044770"   "3183735"   "3280974"<br>  "3296605"   "3585289"  <br>"3645157"   "3661452"   "3724839"<br>  "3762701"   "3771783"  <br>"3815497"   "3831399"   "3851115"<br>  "3870868"   "3908982"  <br>"3910567"   "3932982"   "3952183"<br>  "3976198"   "4019730"  <br>"4030722"   "4061292"   "4072854"<br>  "4097910"   "4114804"  <br>"4122497"   "4124435"   "4126305"<br>  "4141545"   "4196186"  <br>"4196846"   "4228709"   "4234244"<br>  "4235432"   "4236709"  <br>"4239151"   "4240730"   "4248415"<br>  "4249552"   "4250806"  <br>"4280145"   "4287409"   "4290593"<br>  "4299380"   "4310885"  <br>"4313598"   "4315246"   "4317139"<br>  "4319740"   "4334619"  <br>"4352988"   "4381447"   "4384197"<br>  "4421587"   "4434359"  <br>"4438915"   "4443006"   "4463943"<br>  "4509734"   "4510841"  <br>"4515357"   "4535982"   "4538799"<br>  "4544293"   "4557169"  <br>"4558373"   "4564187"   "4570919"<br>  "4577849"   "4579327"  <br>"4581618"   "4587412"   "4593183"<br>  "4613747"   "4617457"  <br>"4619197"   "4632379"   "4634263"<br>  "4635922"   "4638987"  <br>"4645192"   "4646162"   "4653647"<br>  "4664546"   "4667252"  <br>"4667947"   "4676675"   "4677682"<br>  "4684794"   "4687362"  <br>"4700368"   "4706125"   "4709911"<br>  "4711442"   "4712227"  <br>"4715597"   "4721297"   "4728963"<br>  "4731524"   "4748516"  <br>"4750046"   "4755835"   "4765605"<br>  "4768068"   "4770555"  <br>"4786789"   "4789259"  <br>"4798374").PN. OR ("4801134"  <br>"4802437"   "4806744"   "4822019"<br>  "4827531"   "4838535"  <br>"4847475"   "4848201"   "4861013"<br>  "4861017"   "4863153"  <br>"4865305"   "4869490"   "4871905"<br>  "4874161"   "4900003"  <br>"4909498"   "4919411"   "4925062"<br>  "4926338"   "4930916"<br>"4934686"   "4953037"   "4974367"<br>  "4986525"   "4990011" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/30 10:08 |
|-----|-----|---|------------------------------|----|----|------------------|

|     |     |  |   |    |    |                  |
|-----|-----|--|---|----|----|------------------|
| S41 | 749 | S39 or S40   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/30 13:38 |
| S42 | 523 | S39 or S40 and arm   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/30 10:11 |
| S43 | 399 | S39 or S40 and arm and nip   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/30 11:02 |
| S44 | 1   | "6948871"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/30 11:02 |
| S45 | 5   | ("5206737"   "5226639"  <br>"5523858"   "5854696"  <br>"6178863").PN. OR ("6948871").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/30 11:09 |
| S46 | 5   | ("5206737"   "5226639"  <br>"5523858"   "5854696"  <br>"6178863").PN. OR ("6948871").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/30 11:10 |
| S47 | 59  | ("1326986"   "3645157"  <br>"4280145"   "4444521"   "4557169"<br>  "4649437"   "4691911"  <br>"4743975"   "4752786"   "4848201"<br>  "4866531"   "5097187"  <br>"5134915"   "5141346"   "5150630"<br>  "5206737"   "5213426"  <br>"5226639"   "5369509"   "5375494"<br>  "5391009"   "5412407"  <br>"5419543"   "5523858"   "5552902"<br>  "5564842"   "5663804"  <br>"5671065"   "5691826"   "5764372"<br>  "5857393").PN. OR ("5206737"  <br>"5226639"   "5523858"   "5854696"<br>  "6178863").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/30 11:24 |
| S48 | 2   | "6837489"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/30 11:24 |

|     |          |   |   |    |    |                  |
|-----|----------|---|---|----|----|------------------|
| S49 | 3        | ("4919411"   "5755435"   "6183151").PN. OR ("6837489").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/30 11:29 |
| S50 | 13       | ("4789259").PN. OR ("4986525").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON | 2005/09/30 13:35 |
| S51 | 35874063 | US "4577849" A US "4850581" A US "4928951" A US "4986525" A US "5000435" A US "5080515" A US "5428431" A US "5547181" A US "5664771" A US "5685657" A US "5791646" A US "5854696" A US "5862447" A US "5876029" A US "6000689" A US "6019363" A US "6050561" A US "6059279" A US "6065886" A US "6139010" A US "6186501" B1 US "6206359" B1 US "6224049" B1 US "6227534" B1 US "6227535" B1 US "6244588" B1 US "6290129" B1 US "6290222" B1 US "6382619" B1 US "6503010" B2 US "6540220" B2 US "6568674" B2 US "6572096" B1 US "6581925" B1 US "6634745" B2 US "6648322" B2 US "6736389" B2 US "6798899" B2 US "6920296" B2 US "6942215" B2 US "20020085078" A1 US "20050194732" A1 US "20050206067" A1 US "5823523" A US "5624196" A US "20040100545" A1 US "20040141785" A1 US "20040109056" A1 US "6948871" B1 US "6877736" B2 US "6837489" B2 US "6765698" B1 US "6738596" B2 US "6349931" B1 US "6305682" B1 US "6203003" B1 US "6178863" B1 US "5971386" A US "5918873" A US "5876032" A US "5671065" A US "5523858" A US "5419543" A US "5155603" A US "4978112" A US "4866531" A US "4754961" A US "6446954" B1 US "6183151" B1 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/30 13:37 |

|     |     |   |                              |    |    |                  |
|-----|-----|---|------------------------------|----|----|------------------|
| S52 | 336 | ("1033968"   "1063336"  <br>"1264053"   "1365534"   "1603356"<br>  "2427839"   "2715975"  <br>"2920888"   "2956801"   "2986391"<br>  "3175821"   "3485489"  <br>"3588106"   "3598399"   "3747918"<br>  "3777903"   "3829083"  <br>"3830144"   "3891202"   "3894732"<br>  "3908195"   "3948510"  <br>"3949979"   "3961786"   "3965644"<br>  "3966198"   "4025066"  <br>"4053702"   "4077620"   "4084805"<br>  "4171130"   "4222557"  <br>"4248415"   "4256299"   "4280145"<br>  "4290593"   "4318540"  <br>"4322069"   "4337935"   "4373711"<br>  "4373713"   "4381860"  <br>"4412029"   "4441704"   "4444385"<br>  "4444521"   "4451027"  <br>"4494747"   "4496145"   "4515358"<br>  "4519601"   "4522385"  <br>"4529188"   "4541711"   "4544294"<br>  "4573673"   "4576371"  <br>"4577849"   "4581618"   "4588182"<br>  "4589650"   "4605215"  <br>"4638987"   "4651982"   "4669853"<br>  "4691911"   "4691914"  <br>"4697944"   "4704963"   "4721297"<br>  "4729282"   "4729680"  <br>"4743975"   "4752786"   "4770555"<br>  "4789259"   "4798373"  <br>"4798374"   "4801036"   "4801134"<br>  "4822023"   "4866531"  <br>"4884909"   "4890826"   "4925062"<br>  "4925177"   "4930383"  <br>"4934686"   "4940224"   "4943863"<br>  "4951095"   "4953037"  <br>"4986525"   "5018718"   "5064180"<br>  "5067701"   "5073802"  <br>"5085420"   "5097187"   "5119146"<br>  "5129641"   "5129642"  <br>"5133616"   "5150630"   "5153661"<br>  "5155603"   "5158279"  <br>"5159393"   "5168290"   "5172899"<br>  "5172900"   "5184902"  <br>"5197812"   "5206737"   "5211388"<br>  "5211690"   "5213426"  <br>"5222723"   "5226639"   "5255606"<br>  "5277417"   "5282001"  <br>"5339139"   "5342037"  <br>"5351945").PN. OR ("5358230"  <br>"5362037"   "5369509"   "5391009"<br>  "5412407"   "5419543"  <br>"5421569"   "5423527"   "5435538"<br>  "5435539"   "5435540"  <br>"5443359"   "5461468"   "5523858"<br>  "5527026"   "5531435"  <br>"5534989"   "5538242"   "5550652"<br>  "5552903"   "5564842"<br>"5575467"   "5575469"   "5579129"<br>  "5593150"   "5597153" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/30 13:38 |
|-----|-----|---|------------------------------|----|----|------------------|

|     |     |  |                              |    |    |                  |
|-----|-----|--|------------------------------|----|----|------------------|
| S53 | 468 | ("0326183"   "0347350"  <br>"0843709"   "1291074"   "1326986"<br>  "1788153"   "1919238"  <br>"20010015518"   "20020060392"  <br>"20030002083"   "2214752"  <br>"2366206"   "2455836"   "2511892"<br>  "2832410"   "2887208"  <br>"3044770"   "3183735"   "3280974"<br>  "3296605"   "3585289"  <br>"3645157"   "3661452"   "3724839"<br>  "3762701"   "3771783"  <br>"3815497"   "3831399"   "3851115"<br>  "3870868"   "3908982"  <br>"3910567"   "3932982"   "3952183"<br>  "3976198"   "4019730"  <br>"4030722"   "4061292"   "4072854"<br>  "4097910"   "4114804"  <br>"4122497"   "4124435"   "4126305"<br>  "4141545"   "4196186"  <br>"4196846"   "4228709"   "4234244"<br>  "4235432"   "4236709"  <br>"4239151"   "4240730"   "4248415"<br>  "4249552"   "4250806"  <br>"4280145"   "4287409"   "4290593"<br>  "4299380"   "4310885"  <br>"4313598"   "4315246"   "4317139"<br>  "4319740"   "4334619"  <br>"4352988"   "4381447"   "4384197"<br>  "4421587"   "4434359"  <br>"4438915"   "4443006"   "4463943"<br>  "4509734"   "4510841"  <br>"4515357"   "4535982"   "4538799"<br>  "4544293"   "4557169"  <br>"4558373"   "4564187"   "4570919"<br>  "4577849"   "4579327"  <br>"4581618"   "4587412"   "4593183"<br>  "4613747"   "4617457"  <br>"4619197"   "4632379"   "4634263"<br>  "4635922"   "4638987"  <br>"4645192"   "4646162"   "4653647"<br>  "4664546"   "4667252"  <br>"4667947"   "4676675"   "4677682"<br>  "4684794"   "4687362"  <br>"4700368"   "4706125"   "4709911"<br>  "4711442"   "4712227"  <br>"4715597"   "4721297"   "4728963"<br>  "4731524"   "4748516"  <br>"4750046"   "4755835"   "4765605"<br>  "4768068"   "4770555"  <br>"4786789"   "4789259"  <br>"4798374"   "4801134"  <br>"4802437"   "4806744"   "4822019"<br>  "4827531"   "4838535"  <br>"4847475"   "4848201"   "4861013"<br>  "4861017"   "4863153"  <br>"4865305"   "4869490"   "4871905"<br>  "4874161"   "4900003"  <br>"4909498"   "4919411"   "4925062"<br>  "4926358"   "4939916"<br>"4934686"   "4953037"   "4974367"<br>  "4986525"   "4990011" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2005/09/30 13:38 |
|-----|-----|--|------------------------------|----|----|------------------|

|     |     |                               |   |    |    |                  |
|-----|-----|-------------------------------|---|----|----|------------------|
| S54 | 749 | S52 or S53                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/30 13:38 |
| S55 | 749 | S54                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/30 13:38 |
| S56 | 392 | S52 or S53 and two with gears | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/30 13:39 |
| S57 | 67  | S56 and gears with arms       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/30 13:39 |
| S58 | 0   | "5523858."                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/09/30 14:06 |
| S59 | 13  | "5523858"                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 08:22 |
| S60 | 2   | "6837489"                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 10:29 |
| S61 | 0   | us20040141785                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 10:29 |

|     |    |                          |   |    |    |                  |
|-----|----|--------------------------|---|----|----|------------------|
| S62 | 0  | us2004/0141785           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 10:29 |
| S63 | 1  | us20040141785a1          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 10:31 |
| S64 | 23 | sung with wook with kang | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/10/03 10:31 |